ARG21964
anti-VGluT2 antibody [S29-29]

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [S29-29] recognizes VGluT2
Tested Reactivity	Ms, Rat
Tested Application	IHC-P, WB
Host	Mouse
Clonality	Monoclonal
Clone	S29-29
Target Name	VGluT2
Species	Rat
Immunogen	Fusion protein around aa. 501-582 (cytoplasmic C-terminus) of Rat VGluT2.
Conjugation	Un-conjugated
Alternate Names	Differentiation-associated Na; Vesicular glutamate transporter 2; Solute carrier family 17 member 6; VGLUT2; DNPI; VGluT2; Differentiation-associated BNPI

Application Instructions

Application table

Application	Dilution
IHC-P	Assay-dependent
WB	1:1000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

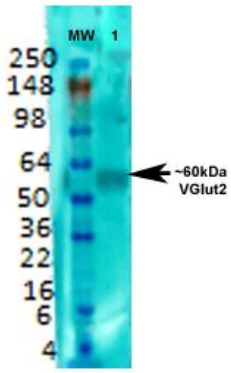
Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.09% Sodium azide and 50% Glycerol.
Preservative	0.09% Sodium azide
Stabilizer	50% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 140919 Mouse GeneID: 84487 Rat Swiss-port # Q8BLE7 Mouse Swiss-port # Q9JI12 Rat
Gene Symbol	SLC17A6
Gene Full Name	solute carrier family 17 (vesicular glutamate transporter), member 6
Function	Mediates the uptake of glutamate into synaptic vesicles at presynaptic nerve terminals of excitatory neural cells. May also mediate the transport of inorganic phosphate. [UniProt]
Calculated Mw	64 kDa

Images



ARG21964 anti-VGluT2 antibody [S29-29] WB image

Western blot: Rat brain membrane lysate stained with ARG21964 anti-VGluT2 antibody [S29-29] at 1:1000 dilution.